



Development Services
 333 S. Meridian
 Puyallup, WA 98371
 Phone: 253-864-4165
 www.cityofpuyallup.org



Alternative Methods and Materials Request Application

Application Fees

- Alternative Methods Application Fee: \$250

Effective Per 4/1/23 [City of Puyallup Fee Schedule](#)

An Alternative Methods and Materials Request (AMR) is used to deviate from City of Puyallup design standards. The City of Puyallup’s design standards are **MINIMUM** requirements and are considered to be fair, reasonable and promote public safety. The applicant is obligated to assure City Staff this request as necessary, justifiable and will not reduce public safety.

Submittal Instructions

- 1 Create an account at <https://permits.puyallupwa.gov/Portal/Account/Register> or Sign into the [CityView Portal](#)
- 2 Select “Apply for an Engineering Permit”
- 3 From the *Choose Application Type* drop down list, select “Alternative Methods/ Materials Request”. Fill out all sections of the online form and upload all required documents. Note: Failure to upload all the required documents for Step 7 *Upload Files* may delay the processing of your application.

Project Information

Site Address: _____ Parcel #: _____ Zoning: _____
 Project Name: _____ Land Use Application #: _____ Building Application #: _____

Owner Information

Name: _____
 Mailing Address: _____
 City: _____ State: _____ Zip Code: _____
 Phone: _____ E-mail: _____

Applicant Information

Name: _____
 Mailing Address: _____
 City: _____ State: _____ Zip Code: _____
 Phone: _____ E-mail: _____



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Contractor Information

Name: _____
Mailing Address: _____
City: _____ State: _____ Zip Code: _____
Phone: _____ E-mail: _____

Engineer/Architect Information

Name: _____
Mailing Address: _____
City: _____ State: _____ Zip Code: _____
Phone: _____ E-mail: _____

Deviation Justification

Address items 1-9 below. If additional reports, supporting documents and attachments are necessary to clarify/support this request, material shall be listed in item 9 and referenced within items 1-9:

1. Describe the proposed deviation request. (What requirements is the project seeking relief from?)

The deviation request proposes to construct two sanitary sewer manholes, #s 120 & 110 at depths of 24.34 and 25.00 feet. This is a deviation from the requirement shown in Standard Detail 04.01.01 which states that the maximum height for a sanitary sewer manhole is 20 feet. These manholes are located within the 27th Ave SE ROW, south of the Bradbury Place project site.

2. Describe how the proposed deviation request is based on sound engineering principles. (Explain how the granting of this modification will not result in risk or harm related to traffic, storm drainage, water, sanitary sewer, transportation, fire protection or structural matters)

The proposed deviation will not create any conflicts with storm, water or other existing or proposed utilities. As the proposed manholes satisfy requirements per WSDOT's Standard Plan B-15.20-01, we believe this deviation is based on sound engineering principles and therefore will not result in risk or harm to traffic, transportation, fire protection or structural matters.

3. Describe how a strict application of the requirement would impose an undue hardship on the applicant. What makes the project in question unique from others to allow a deviation from city standards?

The strict application of this requirement will not allow for sewer from this site to flow to the existing sewer main due to the existing grade. Adequate slope and depth can only be provided if the proposed manholes are allowed to extend past the maximum depth per the standard plans.

4. Describe how the requirements for safety, environmental considerations, function, appearance, and maintainability would be fully met, assuming the granting of your request.

The proposed manholes are in compliance with WSDOT's Standard Plan B-15.20-01; therefore, safety, environmental considerations, function, appearance and maintainability requirements are satisfied.



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5. Describe how granting the modification provides adequate protection of public health, safety, and welfare
Proper conveyance of sewage is essential for public health, safety and welfare. This deviation request will allow for pipe slopes and depths that satisfy the requirements meant to provide these protections.
-
6. Does this request require different maintenance cycles, equipment, or skills?
As this deviation still satisfies WSDOT's standards, no special equipment will be needed, nor will maintenance cycles or required skills be affected.
-
7. Does this request provide for a service life equal to or greater than the City Requirement?
The manholes proposed are the standard Type 1 manholes as shown in the City of Puyallup standard plan 04.01.01, with the exception of the maximum manhole depth. Therefore, service life requirements will be met.
-
8. Describe how the granting of the proposed modification will be in the best interest of the public.
The granting of the proposed modification will provide access to the sewer main to multiple properties in addition to the project site. This will benefit any future project that can connect to the sewer main extension or any existing properties that choose to connect to this system.
-
9. List reports, supporting documentation and attachments accompanying this request:
An email from Mark Higginson on May 8, 2024 supporting this request is included. A site plan is also included to provide necessary profiles and descriptions of the proposed sewer system.
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Submittal Checklist

- Use the check boxes below to ensure the following documents are submitted as applicable at the time of application
- 1. Completed and Signed [Alternative Methods and Materials Request Application](#)
 - 2. [Site Plan](#) and/or and other technical documents to support the deviation request

Certification

I certify that I have read this application and declare under penalty of perjury that the information contained herein is correct and complete.

Signature of Applicant: Michael Goularte Date: June 3rd, 2024



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THIS SHEET IS FOR CITY USE ONLY

CITY DEPARTMENT	APPROVED	DENIED	DATE
Development Engineering	<i>[Signature]</i>		07/10/2024
Conditions:	Conditions of Approval: 1) Manholes shall be sized to allow for entry and repair; 2) Use ductile iron pipe or provide supporting calculations for pipe strength and deflection due to soil type at depth and imparted dead and live loads.		
Planning			
Conditions:			
Traffic Engineering			
Conditions:			
Public Works - Streets			
Conditions:			
Public Works - Water			
Conditions:			
Public Works - Collections			
Conditions:			
Stormwater Engineering			
Conditions:			
Fire Code Official			
Conditions:			
Miscellaneous			
Conditions:			

	APPROVED	DENIED	DATE
City Engineer			
Development Engineering Manager	<i>[Signature]</i> <i>[Signature]</i>		7/10/2024

Conditions of Approval:

Reasoning for Denial:
